

**OPINION 2135 (Case 3261)****THEBINI Wenz, 1923, MONACHAINAE/MONACHAINI Wenz, 1930 (1904), and SPHINCTEROCHILIDAE Zilch, 1960 (1910) (Mollusca, Gastropoda): conserved**

**Abstract.** The Commission has ruled that the family-group names THEBINI Wenz, 1923, MONACHAINAE / MONACHAINI Wenz, 1930 (1904) and SPHINCTEROCHILIDAE Zilch, 1960 (1910) are conserved for several West Palaearctic helicoid land snails. Problems arising as a consequence of rulings given in Opinion 431 (1956) are resolved by placing the names THEBINI Wenz, 1923, MONACHAINAE / MONACHAINI Wenz, 1930 (1904) and SPHINCTEROCHILIDAE Zilch, 1960 on the Official List.

**Keywords.** Nomenclature; taxonomy; Pulmonata; THEBINI; MONACHAINAE; MONACHAINI; SPHINCTEROCHILIDAE; *Leucochroa*; *Monacha*; *Sphincterochila*; land snails; Palaearctic.

**Ruling**

- (1) Under the plenary power it is hereby ruled:
  - (a) that the name THEBINI Wenz, 1923 is not invalid by reason of its type genus being misidentified and that fixation of the type species had been overlooked;
  - (b) that for the purposes of Article 29 of the Code the stem of the generic name *Monacha* Fitzinger, 1833 is *Monacha-*;
  - (c) that the generic name *Leucochroa* Beck, 1837, type species by subsequent designation by Herrmannsen (1847) *Helix albella* Linnaeus, 1758, is suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;
  - (d) that the family-group name LEUCOCHROIDAE Westerlund, 1886, type genus *Leucochroa* Beck, 1837 (type species *Helix candidissima* Draparnaud, 1801), is suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy, by reason of being based on a misidentified type genus, as suppressed in (1)(c) above, itself based on a misidentified type species.
- (2) The name *Sphincterochila* Ancey, 1887 (gender: feminine), type species by subsequent designation by Pilsbry (1895) *Helix boissieri* Charpentier, 1847, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The entry on the Official List of Generic Names in Zoology for the name *Monacha* Fitzinger, 1833 is hereby emended to record that *Helix cartusiana* O.F. Müller, 1774 is the type species by subsequent designation by Herrmannsen (1847) and that the stem of *Monacha* is *Monacha-*, as ruled in (1)(b) above.
- (4) the following names are hereby placed on the Official List of Family-Group Names in Zoology:

- (a) THEBINI Wenz, 1923, type genus *Theba* Risso, 1826 (type species by subsequent designation by Gray (1847) *Helix pisana* O.F. Müller, 1774), with the endorsement that it is not to take the priority of CARTHUSIANINI Kobelt, 1904, not invalid by the ruling in (1)(a) above;
- (b) MONACHAINAE / MONACHAINI Wenz, 1930, type genus *Monacha* Fitzinger, 1833 (type species by subsequent designation by Herrmannsen (1847) *Helix cartusiana* O.F. Müller, 1774), with the endorsement that it is to take the priority of CARTHUSIANINI Kobelt, 1904, and is to be cited MONACHAINAE / MONACHAINI Wenz, 1930 (1904);
- (c) SPHINCTEROCHILIDAE Zilch, 1960, type genus *Sphincterochila* Ancy, 1887 (type species by subsequent designation by Pilsbry (1895) *Helix boissieri* Charpentier, 1847), with the endorsement that it is to take the priority of LEUCOCHROIDAE Westerlund, 1886.
- (5) The following names are hereby placed on the Official Index of Generic Names in Zoology:
- (a) *Teba* Turton, 1831 (an incorrect subsequent spelling of *Theba* Risso, 1826);
- (b) *Teba* Beck, 1847 (an incorrect subsequent spelling of *Theba* Risso, 1826);
- (c) *Leucochroa* Beck, 1837 (an objective synonym of *Theba* Risso, 1826 and suppressed in (1)(c) above);
- (d) *Carthusiana* Kobelt, 1871 (an objective synonym of *Monacha* Fitzinger, 1833).
- (6) The following names are hereby placed on the Official Index of Family-Group Names in Zoology:
- (a) XEROPHILIDAE Mörch, 1864 (based on a generic name placed on the Official Index in Opinion 431);
- (b) LEUCOCHROIDAE Westerlund, 1886 (based on a misidentified type genus suppressed in (1)(c) above);
- (c) CARTHUSIANINI Kobelt, 1904 (replaced by MONACHAINAE / MONACHAINI under Article 40.2 and based on a genus placed on the Official Index in (5)(d) above);
- (d) CALCARINIDAE Pallary, 1909 (based on a generic name which is a junior homonym);
- (e) MONACHINAE Wenz, 1930 (an incorrect original spelling of MONACHAINAE);
- (f) EUPARYPHINAE Perrot, 1939 (based on a generic name placed on the Official Index in Opinion 431).

### History of Case 3261

An application to conserve the family-group names THEBINI Wenz, 1923, MONACHAINAE Wenz, 1930 (1904) and SPHINCTEROCHILIDAE Zilch, 1960 (1910) for several West Palaearctic helicoid land snails was received from Philippe Bouchet and Jean-Pierre Rocroi (*Muséum national d'Histoire naturelle, Paris, France*) on 12 August 2002. Issues raised in the application had been partly resolved in Opinion 431 (1956) by placing the names *Helicella*, *Monacha* and *Theba* on the Official List, and the names *Euparypha*, *Jacosta*, and *Xerophila* on the Official Index. However, the consequences of these rulings on family-group names had not been addressed. After correspondence the case was published in BZN 61: 154–161 (September 2004). The title,

abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

### Decision of the Commission

On 1 September 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 158–159. At the close of the voting period on 1 December 2005 the votes were as follows:

Affirmative votes – 21: Alonso-Zarazaga, Bock, Bouchet, Brothers, Calder, Fortey, Halliday, Kerzhner, Lamas, Macpherson, Mahnert, Mawatari, Minelli, Ng, Nielsen, Papp, Patterson, Rosenberg, Song, Štys and van Tol.

Negative votes – none.

### Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

- CALCARINIDAE Pallary, 1909, *Mémoires présentés à l'Institut Egyptien*, 6(1): 12.
- Carthusiana* Kobelt, 1871, *Catalog der in Europäischen Faunengebiet lebenden Binnenconchylien: mit besonderer Berücksichtigung der in Rossmässler's Sammlung enthaltenen Arten*, p. 24.
- CARTHUSIANINI Kobelt, 1904, *Iconographie der Land- und Süßwasser-Mollusken mit vorzüglicher Berücksichtigung der Europäischen noch nicht abgebildeten Arten*, Neue Folge, Bd. 11, p. 162.
- EUPARYPHINAE Pertot, 1939, *Compte-Rendu des Séances de la Société de Physique et d'Histoire naturelle de Genève*, 56(1) [in: *Supplément aux Archives des Sciences physiques et naturelles*, (5)21]: 35.
- Leucochroa* Beck, 1837, *Index 'Molluscorum praesentis aegis Musei Principis Augustissimi Christiani Frederici*, p. 16.
- LEUCOCHROIDAE Westerlund, 1886, *Fauna der in der palaärcischen Region lebenden Binnenconchylien. I. Fam. Testacellidae, Glaudividae, Vitrinidae und Leucochroidae*, p. 82.
- MONACHAINI Wenz, 1930 (1904), *Fossilium Catalogus, I: Animalia*, pars 46(11), p. 3027.
- MONACHINAE Wenz, 1930, *Fossilium Catalogus, I: Animalia*, pars 46(11), p. 3027.
- Sphincterochila* Ancey, 1887, *The Conchologists' Exchange*, 2(2): 23.
- SPHINCTEROCHILIDAE Zilch, 1960, *Handbuch der Paläozoologie*, Band 6, Lief. 4, *Gastropoda*, p. 663.
- Teba* Turton, 1831, *A manual of the land and fresh-water shells of the British Islands*, p. 36.
- Teba* Beck, 1847, *Amtlicher Bericht über die Versammlung Deutscher Naturforscher und Ärzte in Kiel im September 1846*, 24(2): 122.
- THEBINI Wenz, 1923, *Fossilium Catalogus, I: Animalia*, pars 18(2) [1923], p. 381.
- XEROPHILIDAE Mörch, 1864, *Videnskabelige Meddelelser fra den Naturhistorisk Forening i Kjøbenhavn*, 17–22(1863): 281.

The following is the reference for the designation of *Helix boissieri* Charpentier, 1847 as the type species for *Sphincterochila* Ancey, 1887:

Pilsbry, H.A. 1895. *Manual of Conchology*, (2)9(33a, 36), p. 234.